CLAIMS:

We claim:

1. A method of processing script logic embedded in voice markup, the method comprising the steps of:

transforming a script embedded in voice markup to an object representation of a compiled form of said script;

caching said object representation; and,

retrieving and accessing said cached object representation in lieu of compiling said script.

2. The method of claim 1, further comprising the step of performing said transforming step when parsing said script in a voice markup interpreter.

3. The method of claim 1, further comprising the step of validating said script before performing said transforming step.

4. The method of claim 1, further comprising the step of compressing said object representation before performing said caching step.

5. The method of claim 1, wherein said transforming step comprises the steps of:

parsing said script to correlate scripted operations and data with machine interpretable instructions and data; and,

wrapping said machine interpretable instructions and data into a programmatic object.

6.   A voice markup interpreter comprising:

a script processor having a parser, compiler and object builder; and,

a cache coupled to said script processor,

said object builder comprising program logic configured to transform script instructions embedded in voice markup to a cacheable object representation of a compiled form of said script instructions.

7.   The voice markup interpreter of claim 6, further comprising a compressor under control of said script processor for compressing object representations produced for insertion in said cache.

8.   A machine readable storage having stored thereon a computer program for processing script logic embedded in voice markup, the computer program comprising a routine set of instructions which when executed by a machine cause the machine to perform the steps of:

transforming a script embedded in voice markup to an object representation of a compiled form of said script;

caching said object representation; and,

retrieving and accessing said cached object representation in lieu of compiling said script.

9.   The machine readable storage of claim 8, further comprising the step of performing said transforming step when parsing said script in a voice markup interpreter.

10.   The machine readable storage of claim 8, further comprising the step of validating said script before performing said transforming step.

11.   The machine readable storage of claim 8, further comprising the step of compressing said object representation before performing said caching step.

12.   The machine readable storage of claim 8, wherein said transforming step comprises the steps of:

parsing said script to correlate scripted operations and data with machine interpretable instructions and data; and,

wrapping said machine interpretable instructions and data into a programmatic object.